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SECTION 09720

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WALL COVERINGS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Vinyl wall covering.

1.2 SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Shop Drawings: Show location and extent of each wall-covering type. Indicate **pattern placement**, seams and termination points.
- C. Samples: Full width by [36-inch- (914-mm-)] long section of wall covering from same print run or dye lot to be used for the Work, with specified **treatments** applied. **Show complete pattern repeat**. Mark top and face of fabric.
- D. Product Test Reports: Based on evaluation of comprehensive tests performed by a qualified testing agency, for wall covering.
- E. Maintenance Data: For wall coverings to include in maintenance manuals.

1.3 QUALITY ASSURANCE

- A. Fire-Test-Response Characteristics: As determined by testing identical wall coverings applied with identical adhesives to substrates according to test method indicated below by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.
 1. Surface-Burning Characteristics: As follows, per ASTM E 84:
 - a. Flame-Spread Index: [25] or less.
 - b. Smoke-Developed Index: [50] or less.
 2. Fire-Growth Contribution: Textile wall coverings complying with acceptance criteria of UBC Standard 8-2.
 3. Fire-Growth Contribution: Textile wall coverings tested according to [NFPA 286] and complying with test protocol and criteria in the 2003 IBC.

1.4 EXTRA MATERIALS

- A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 - 1. Wall-Covering Materials: For each type, full-size units equal to [5] percent of amount installed.

PART 2 - PRODUCTS

2.1 WALL COVERINGS

- A. General: Provide rolls of each type of wall covering from same print run or dye lot.

2.2 VINYL WALL COVERING <Insert drawing designation>

- A. Vinyl Wall-Covering Standards: Provide **mildew-resistant** products complying with the following:
 - 1. **FS CCC-W-408D and CFFA-W-101-D** for **Type II, Medium-Duty** products.
 - 2. ASTM F 793 for **strippable** wall coverings that qualify as **Category V, Type II, Commercial Serviceability** products.
 - 3. Products: Subject to compliance with requirements, **provide the following**:
 - a. **MDC Wallcoverings - Genon Contract Collection and Len-Tex Contract Collection with Greenguard indoor air quality certification.**
- B. Finished Total Weight: 20.0 oz. per lin. Yd.
- C. Width: **54 inches (1372 mm)**.
- D. Backing: **Osnaburg** fabric.
 - 1. Fiber Content: **Vinyl**.
- E. Colors, Textures, and Patterns: **As selected by Architect from manufacturer's full range.**

2.3 ACCESSORIES

- A. Adhesive: Mildew-resistant, nonstaining, **strippable** adhesive, for use with specific wall covering and substrate application; as recommended in writing by wall-covering manufacturer and with a VOC content of **50 g/L** or less when calculated according to 40 CFR 59, Subpart D (EPA Method 24).

- B. Primer/Sealer: Mildew resistant, complying with requirements in Division 9 Section **"Painting"** and recommended in writing by wall-covering manufacturer for intended substrate.
- C. Wall Liner: Nonwoven, synthetic underlayment and adhesive as recommended by wall-covering manufacturer.
- D. Seam Tape: As recommended in writing by wall-covering manufacturer.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Clean substrates of substances that could impair bond of wall covering, including dirt, oil, grease, mold, mildew, and incompatible primers.
- B. Prepare substrates to achieve a smooth, dry, clean, structurally sound surface free of flaking, unsound coatings, cracks, and defects.
 - 1. Moisture Content: Maximum of 5 percent on new plaster, concrete, and concrete masonry units when tested with an electronic moisture meter.
 - 2. Plaster: Allow new plaster to cure. Neutralize areas of high alkalinity. Prime with primer as recommended in writing by primer/sealer manufacturer and wall-covering manufacturer.
 - 3. Metals: If not factory primed, clean and apply metal as recommended in writing by primer/sealer manufacturer and wall-covering manufacturer.
 - 4. Gypsum Board: Prime with primer as recommended in writing by primer/sealer manufacturer and wall-covering manufacturer.
 - 5. Painted Surfaces: Treat areas susceptible to pigment bleeding.
- C. Remove hardware and hardware accessories, electrical plates and covers, light fixture trims, and similar items.
- D. Acclimatize wall-covering materials by removing them from packaging in the installation areas not less than 24 hours before installation.
- E. Install wall liner, with no gaps or overlaps, where required by wall-covering manufacturer. Form smooth wrinkle-free surface for finished installation. Do not begin wall-covering installation until wall liner has dried.
- F. Cut wall-covering strips in roll number sequence. Change roll numbers at partition breaks and corners.
- G. Install strips in same order as cut from roll.
- H. Install reversing every other strip.
- I. Install wall covering with no gaps or overlaps, no lifted or curling edges, and no visible shrinkage.

- J. Match pattern **72 inches (1830 mm)** above the finish floor.
- K. Install seams vertical and plumb at least **6 inches (150 mm)** from outside corners and **6 inches (150 mm)** from inside corners unless a change of pattern or color exists at corner. No horizontal seams are permitted.
- L. Fully bond wall covering to substrate. Remove air bubbles, wrinkles, blisters, and other defects.
- M. Trim edges and seams for color uniformity, pattern match, and tight closure. Butt seams without any overlay or spacing between strips.
- N. Remove excess adhesive at finished seams, perimeter edges, and adjacent surfaces.
- O. Reinstall hardware and hardware accessories, electrical plates and covers, light fixture trims, and similar items.

END OF SECTION